CONNECTED VISION ADVISORS

DEEP TECH INVESTMENT BANKING

CHIPS ARE EATING AI

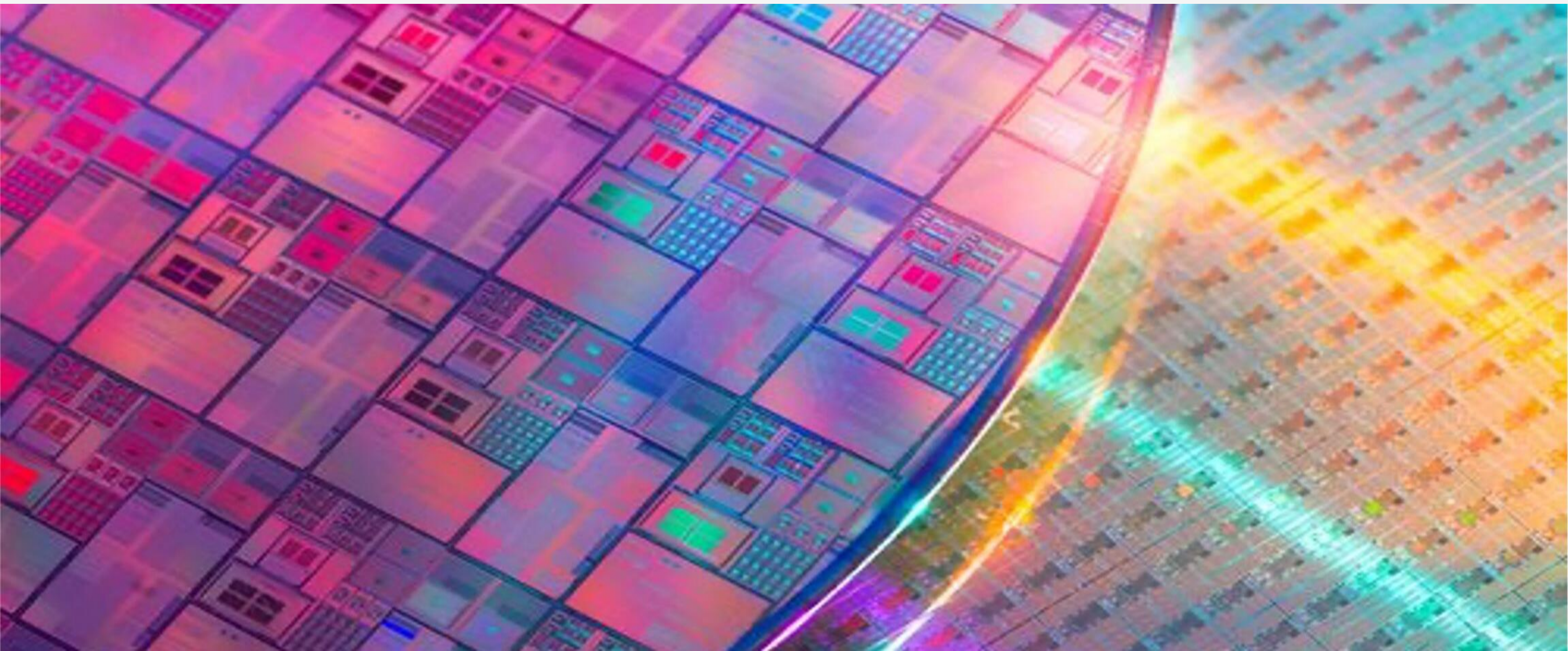
DEEP TECH M&A UPDATE

JULY 2025

SEMICONDUCTORS

AI & COMPUTER VISION

EDGE INTELLIGENCE



CHIPS ARE EATING AI

AI ACQUISITIONS BY SEMICONDUCTOR COMPANIES

- NVIDIA: CentML, Lepton AI, Augtera, run:ai, OctoAI, deci, DEEPMAP, animatica, Excelero, gretel
- NORDIC SEMICONDUCTOR: Intelligent Agent Neuton[1], atlazo
- Qualcomm: EDGE IMPULSE, twentybn[1], VINAI, tetra
- ST: Deeplite[1], CARTESIAM.AI
- AMD: Mipsology, nod, SILO.AI
- RENESAS: Reality AI[2]
- MICROCHIP: NEURONIX AI Labs
- NXP: kinara, AVIVA
- infineon: imagimob, INDUSTRIAL ANALYTICS
- LATTICE SEMICONDUCTOR: mirametrix[1]
- SYNTIANT: PILOT.AI

SEMICONDUCTORS CONTINUE TO ADD TO THEIR AI ARSENAL

Most Active	NVIDIA, Qualcomm
Biggest Deals	kinara $307M; EDGE IMPULSE NR, Last valuation $229M
Silicon Support	NVIDIA GPU, NPUs like ST and NXP (Kinara), TinyML MCUs
Tool Suites	Tool suites for Edge AI and model development – Neuton.ai, Edge Impulse, Deeplite, Imagimob, OmniML RealityAI and others
Applications	Generative AI and LLMs, ultra low-power for TinyML, hearing aids and wearables, imaging inference, healthcare (radiology), gaze detection for automotive and enterprise
What Now?	With ecosystem players like Edge Impulse, Neuton.ai & Deeplite taken off the board, who will emerge to support the broader ecosystem?

Notes
1. Transaction advised by CVA team, some transactions completed while affiliated with previous firms.
2. Transaction advised on buy side by current CVA advisor previously an executive with Renesas

INTERESTING SEMICONDUCTOR – AI TRANSACTIONS

STRATEGIC M&A

Intelligent Agent Neuton

to be acquired by

NORDIC SEMICONDUCTOR

Optimized TinyML

NEUTON.AI TO BE ACQUIRED BY NORDIC SEMICONDUCTOR

DEAL METRICS: **NR**

Based in the San Francisco Bay area, Neuton.ai offers a powerful TinyML no-code platform that enables developers to create ultra-lightweight AI models deployable directly on microcontrollers and edge devices without requiring any prior machine learning expertise. Neuton.ai's technology allows for seamless deployment of AI across power-constrained and memory-limited environments, enabling new applications in industrial, medical, smart home, and IoT markets. CVA was exclusive financial advisor to Neuton.ai.

Read more

Deeplite

to be acquired by

ST

Models as a Service for NPU

DEEPLITE AQUIRED BY ST

DEAL METRICS: **NR**

Based in Toronto, Canada, Deeplite is a deep learning edge AI software company that accelerates the adoption of AI processors. Deeplite provides optimized AI models at the edge, reducing time to market for NPUs. Deeplite's innovative platform enables significant performance increases on low-cost resource-constrained edge processors. Models are up to 95% smaller, consume up to 75% less power and perform edge inference up to 6x faster than baseline models. Investors included TandemLaunch, PJC, Innospark Ventures, Differential Venture Capital and BDC. Transaction details were not publicly announced. CVA was exclusive financial advisor to Deeplite.

Read more

EDGE IMPULSE

acquired by

Qualcomm

AI Software Development

EDGE IMPULSE ACQUIRED BY QUALCOMM

DEAL METRICS: **NR ● 107 Employees ● $54M Invested Capital ● $229M Last Post Money Valuation**

Based in San Jose, CA, Edge Impulse provides an edge AI software development platform that helps developers build, deploy and scale machine learning (ML) models for edge devices like microcontrollers and smart sensors. Edge Impulse worked with many semiconductor partners in the industry including NVIDIA, ST, Renesas, CEVA, Microchip and Nordic, as well as AWS. Qualcomm reportedly will leverage Edge Impulse to expand its AI ecosystem for its Dragonwing processor portfolio optimized for edge devices.

INTERESTING SEMICONDUCTOR & IP TRANSACTIONS

STRATEGIC M&A

ALPHAWAVE SEMI

to acquired by

Qualcomm

High-speed SerDes IP

ALPHAWAVE ACQUIRED BY QUALCOMM

DEAL METRICS: **$2.4B ● 991 Employees ● 7.8x Revenue**

Based in the UK, Alphawave Semi reached agreement to be acquired by Qualcomm on June 9, 2025. Alphawave provides high-speed SerDes semiconductor IP, which can help Qualcomm develop chips more capable of modern AI workloads and data centers. Both ARM and Intel were reported to have interest in Alphawave as well. Alphawave is not solely an IP company, it also sells chiplets and custom ASICs. The transaction is subject to regulatory approvals and expected to close in the first quarter of 2026. Read more at EE Times and Qualcomm

kinara

acquired by

NXP

AI Accelerator

KINARA ACQUIRED BY NXP

DEAL METRICS: **$307M ● 88 Employees ● $50.5M Invested Capital**

Based in Santa Clara, CA with development in India, Kinara was acquired by NXP on February 18, 2025. Kinara develops energy-efficient NPUs for AI inference at the edge. Primary products included the Ara-1 and Ara-2 NPUs. The acquisition is expected to strengthen NXP's ability to provide complete and scalable AI platforms. To date, Kinara had sold about 500K of its AI chips, mostly in the industrial and consumer sectors, and NXP expects to expand them into automotive sectors. Read more at EE Times

SECURE-iC
THE SECURITY SCIENCE COMPANY

acquired by

cādence

Embedded Security

SECURE IC ACQUIRED BY CADENCE

DEAL METRICS: **NR ● 134 Employees ● $22.7M Invested Capital**

Based in Rennes, France, Secure IC was acquired by Cadence Design Systems on January 21, 2025. Secure IC is a leading provider of embedded security solutions. Cadence reports that Secure IC's security IP, solutions and security evaluation tools will complement Cadence's rapidly expanding portfolio of silicon IP, AI/ML and DSP solutions. "We continue to invest in our IP and design services portfolio to provide more complete system solutions for our customers." – Boyd Phelps, SVP and GM of Cadence's Silicon Solutions Group.

Sources: PitchBook, EE Times and company press releases

SEMICONDUCTOR ACQUISITIONS OF AI - M&A TRANSACTIONS

TARGET	BUYER	VALUE ($M)	REVENUE MULTIPLE	DESCRIPTION
CentML	Nvidia			AI model training and inference optimization
Neuton.ai	Nordic Semiconductor			Optimzed TinyML software for edge AI
Deeplite	STMicroelectronics			Models as a service for NPU architectures
VinAI	Qualcomm			Generative AI software
Edge Impulse	Qualcomm			Embedded ML tool development environment
Lepton AI	Nvidia			Cloud tools simplifying development of LLMs and other AI applications
Gretel	Nvidia	320		Synthetic data platform for generative AI
Kinara	NXP	307		High performance NPU for edge AI applicatiosn
Run:AI	Nvidia	700		Software managing optimization of AI infrastructure on NVIDIA GPUs
Aviva Links	NXP	243		In-vehicle connectivity for software-defined vehicles
VinBrain	Nvidia			AI-driven healthcare platform for diagnostic radiology
Augtera Networks	Nvidia			AI-powered network management tools
OctoAI	Nvidia	250		Automated platform to deploy ML models on any hardware
Silo AI	AMD	665		AI lab specializing in AI solutions for AVs and smart cities
Neuronix AI Labs	Microchip			Neural network optimization technology to reduce power and size in computer vision
Deci	Nvidia	300		Generative AI and computer models leveraging Nvidia GPUs

CVA acted as exclusive financial advisor to Neuton, Deeplite.
Source: PitchBook

SEMICONDUCTOR ACQUISITIONS OF AI - M&A TRANSACTIONS

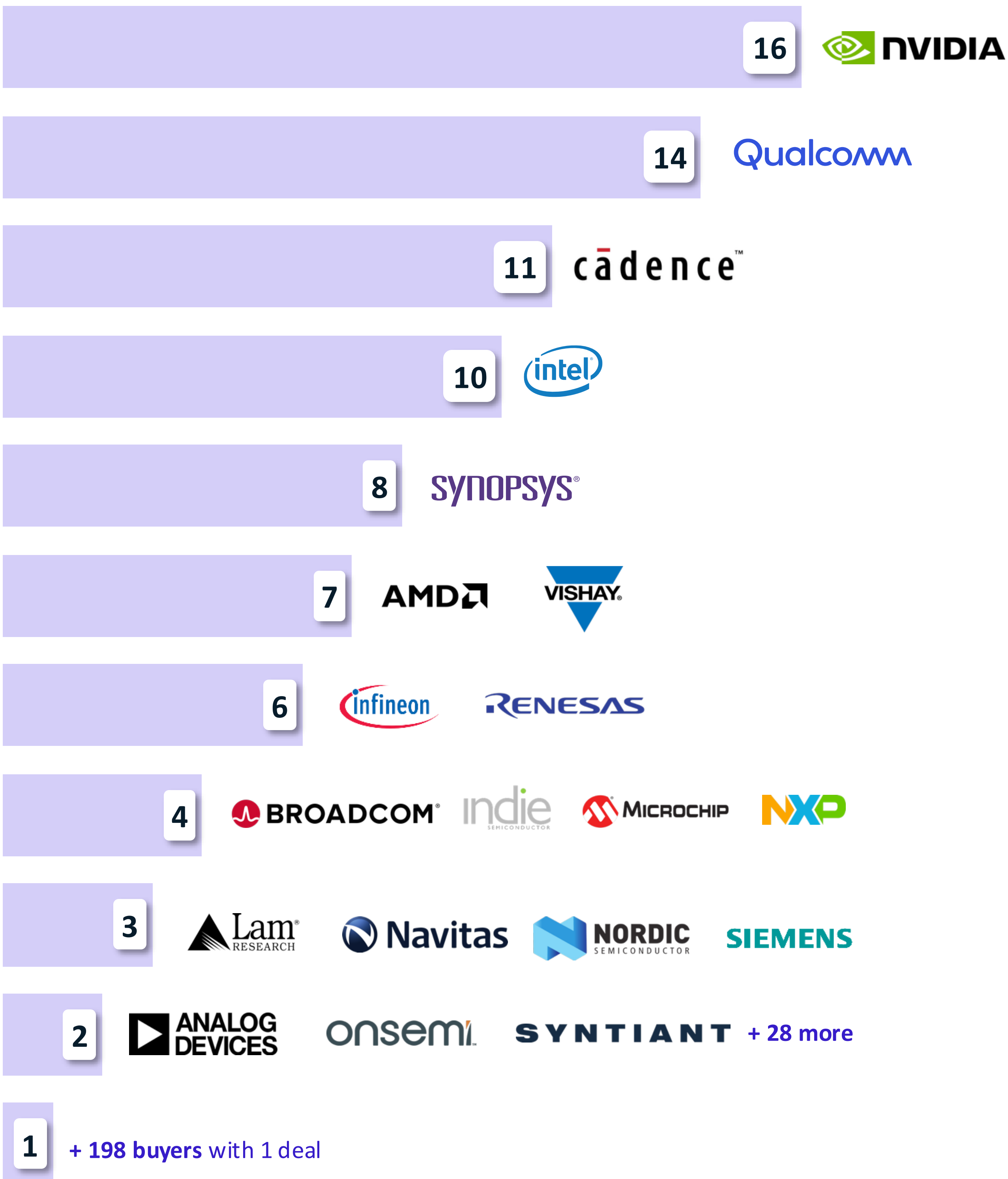
TARGET	BUYER	VALUE ($M)	REVENUE MULTIPLE	DESCRIPTION
Atlazo	Nordic Semiconductor			Ultra-low power AI solutions for tiny edge devices like hearing aids. Wearables and health monitoring
Nod.AI	AMD			Open-source AI ecosystem of tools, libraries & models
Tetra AI	Qualcomm			Scientific data and AI cloud for science value chain
Mipsology	AMD	19	9.1x	Image inference computation engine on FPGA
Imagimob	Infineon			Tools, models and solution for edge AI and TinyML
OmniML	Nvidia			Tools optimizing AI running on edge devices, eliminating need to send to cloud
Pilot AI	Syntiant			Computer vision models running on low power edge devices
Industrial Analytics	Infineon			AI-powered predictive analytics of industrial machinery
Reality AI	Renesas			Embedded AI and TinyML software tools
Codeplay	Intel	60	12.4x	Software development for AI accelerator processors
Excelero	Nvidia			Software-defined for optimization of CPUs and storage
Animatico	Nvidia			Interactive AI characters and avatars
Mirametrix	Lattice Semiconductor	69		Eye gaze tracking AI software for automotive & enterprise
DeepMap	Nvidia			HD mapping & localization for autonomous vehicles
TwentyBn	Qualcomm	20		Computer vision AI models for sports and fitness
Cartesiam	STMicroelectronics			AI software for ARM-based low-power embedded systems

Advised by current CVA team members. Some transactions were completed while affiliated with previous firms.
Source: PitchBook

TOP SEMICONDUCTOR, IP & EDA BUYERS

ALL TYPES OF ACQUISITONS BY SEMICONDUCTOR BUYERS

TOP BUYERS – DEAL COUNT SINCE 2022



SEMICONDUCTOR IP & EDA TRANSACTIONS

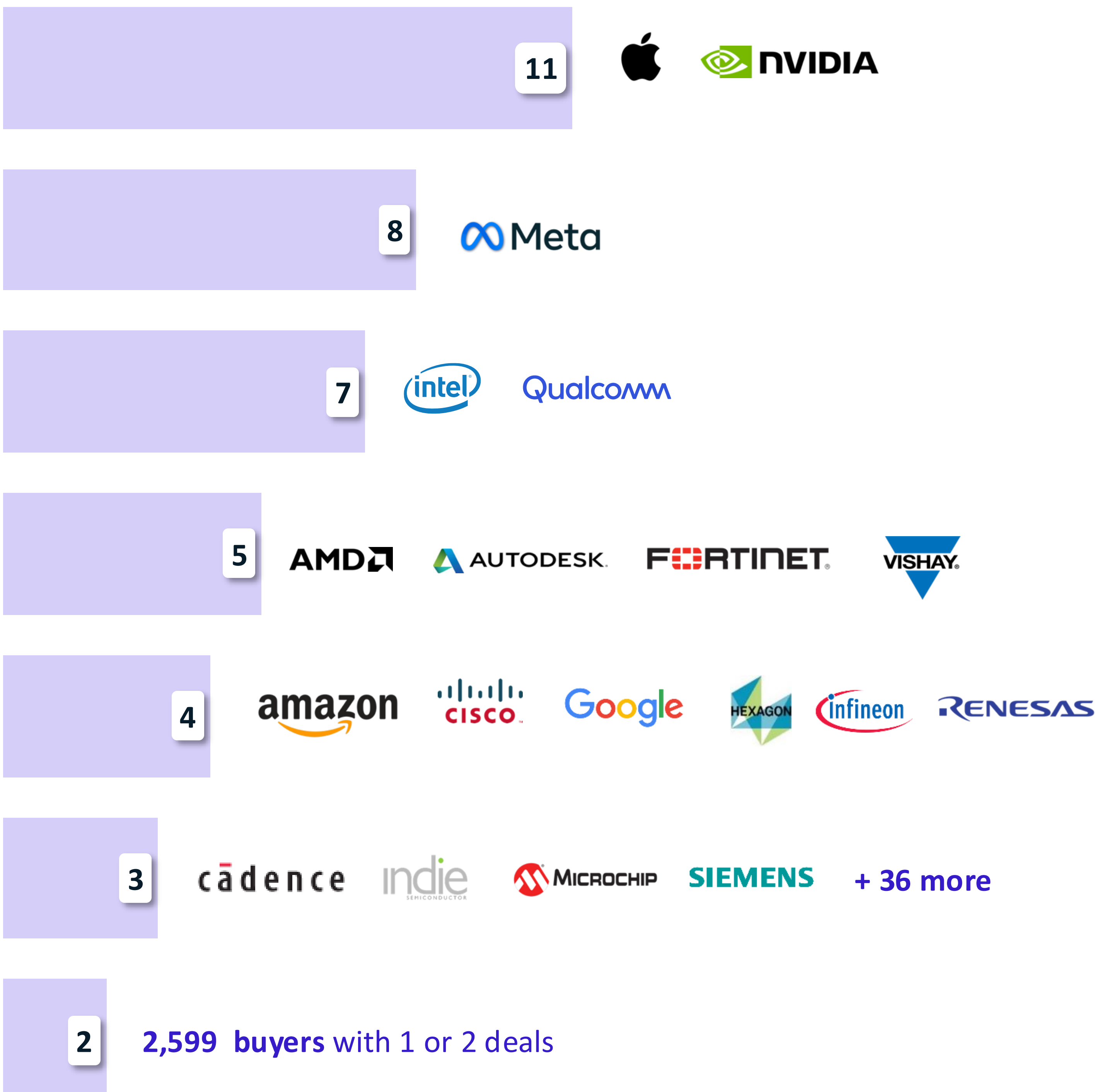
STRATEGIC M&A

TARGET	BUYER	VALUE ($M)	REVENUE MULTIPLE	DESCRIPTION
Alphawave	Qualcomm	2,400	7.8x	High-speed SerDes for AI applications and data centers
Wevolver	Siemens			Online engineering community
Altair Engineering	Siemens	10,600	15.9x	Engineering software lifecycle design
ARM (Physical IP Nodes Business)	Cadence			Artisan IP business for standard cell libraries, memory compilers & GPIOs
Secure-IC	Cadence			Embedded security IP, evaluation tools & services
Valtrix Technologies	Synopsys	24		IP validation and verification for RISC-V and ARM based processor designs
Ansys	Synopsys	35,000	15.4x	Engineering modeling and simulation software
Beta Simulation Solutions	Cadence	1,231	13.7x	CAD software for simulation and analysis
MunEDA	Cadence			Silicon performance and yield optimization tools
Intrinsic ID	Synopsys			Digital authentication technology for IoT
Invecas	Cadence	95		ASIC design and embedded software
ARCAS Microelectronics	Empyrean	21		EDA – verification tools
Diakopto	Ansys			EDA for analyzing and debugging circuits and layouts
Pulsic	Cadence	60	12.7x	EDA for placement and routing
Instigate Semiconductor	Microchip			EDA for FPGA
Nobug Consulting	Infineon			ASIC engineering solutions for verification and RTL simulation
Concept Engineering	Altair	27		System visualization software to debug complex designs
Analog Bits	SemiFive	17	3.5x	Low-power clocking, sensors, PLLs, oscillators, serdes IP

TOP DEEP TECH BUYERS

AI, COMPUTER VISION, SEMICONDUCTORS, IoT/EDGE, AR/VR

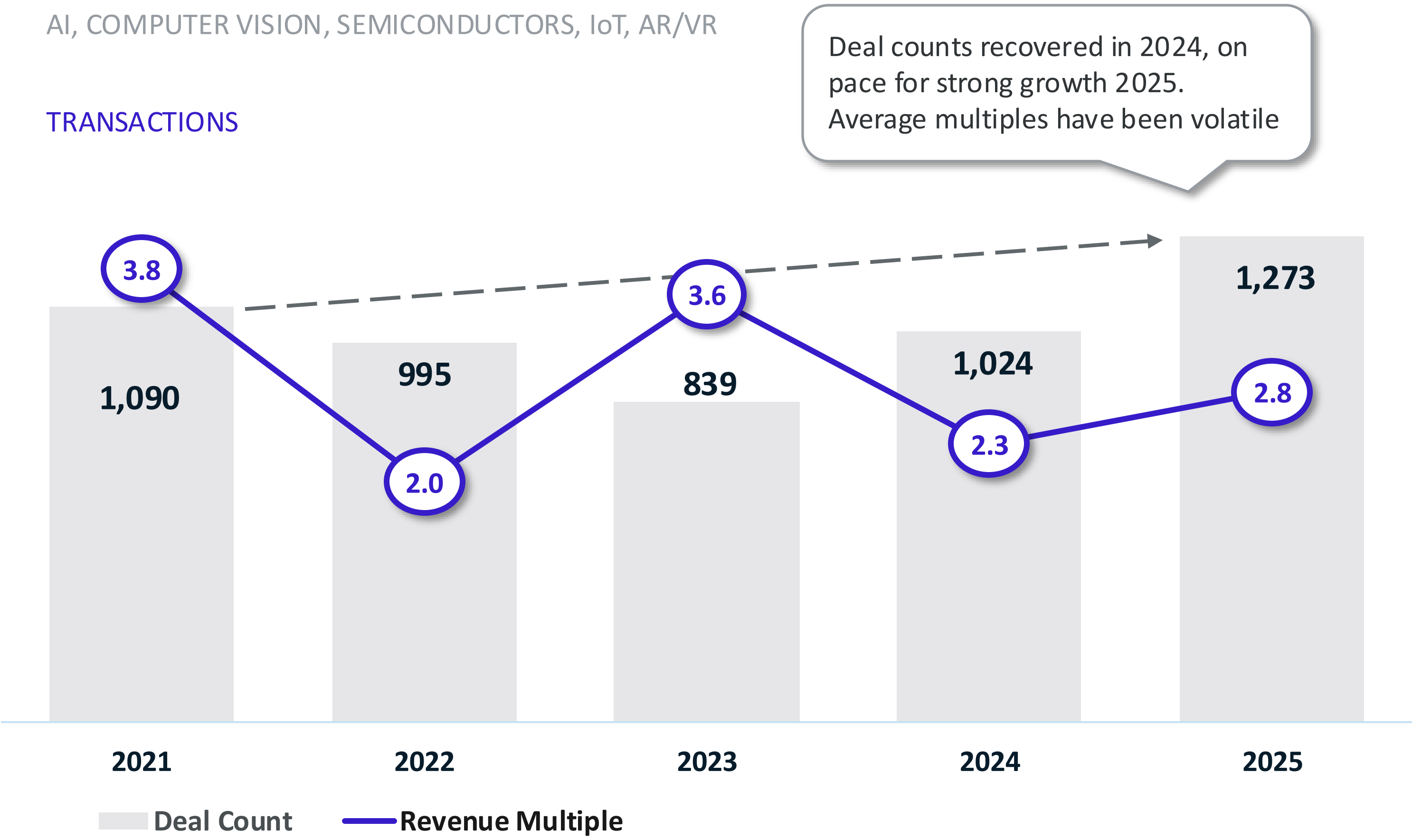
TOP BUYERS – DEAL COUNT SINCE 2022



DEEP TECH STRATEGIC M&A

AI, COMPUTER VISION, SEMICONDUCTORS, IoT, AR/VR

TRANSACTIONS



DEEP TECH M&A INSIGHTS

DEAL COUNT: Deep Tech M&A deal counts peaked in 2021 with a correction continuing into 2023. By 2024 the deal activity had recovered almost to the 2021 highs and year-to-date numbers in 2025 suggest a strong year.

REVENUE MULTIPLES[1]: While not a perfect measure of valuation, revenue multiples are a proxy for relative transaction value. Revenue multiples peaked in 2021 (as many metrics did), dropping nearly 50% in 2023. In 2024, the recovery has commenced, as revenue multiples have recovered to the norm outside of the 2021 peak. Note that in some markets with a higher percentage of recurring revenue, multiples can significantly exceed the averages above. The charts shown are used to illustrate the moving average of the market.

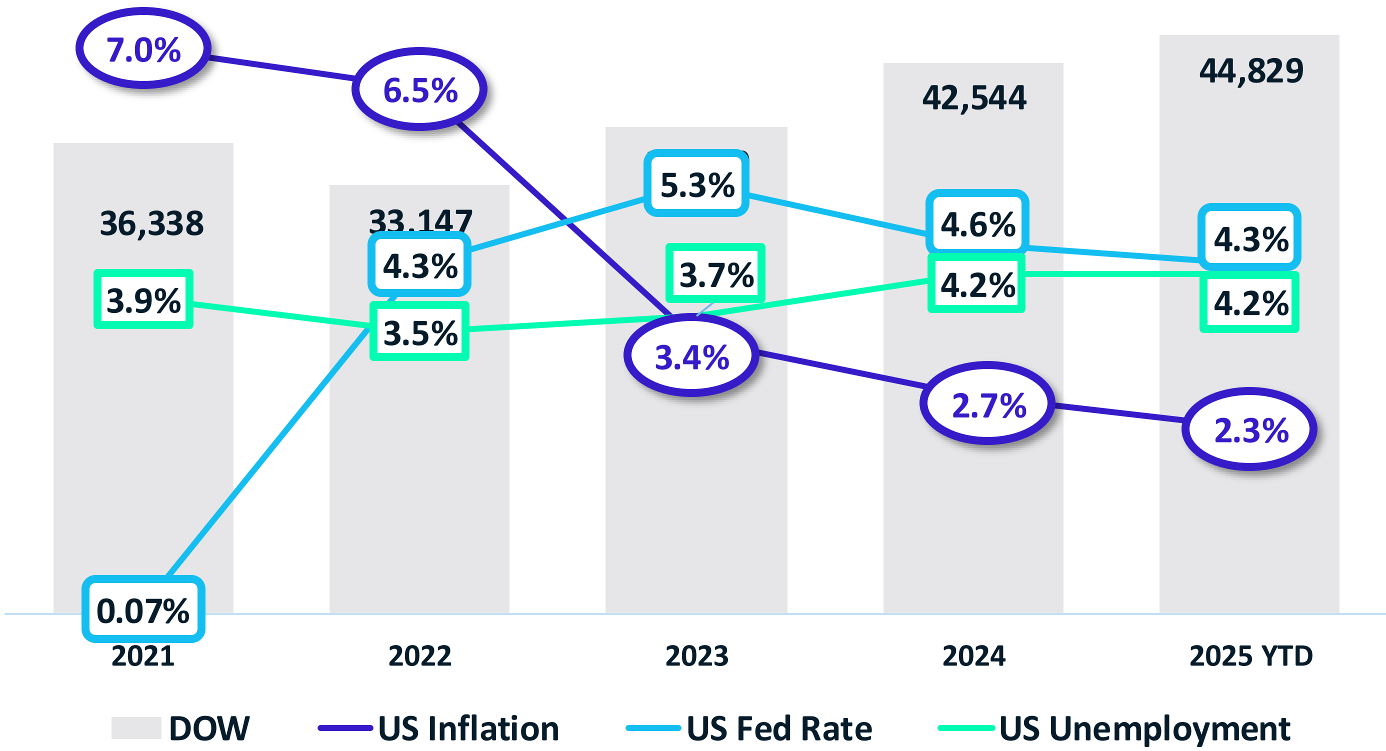
CONCLUSIONS

While revenue multiples remain at historic norms, deal activity has increased significantly since 2023, which matches the increase in activity we've seen at CVA advising clients.

Source: PitchBook. 1. Note that Revenue includes all sources of revenue, including silicon, software, hardware and services.Therefore, revenue multiples are a blended metric. Contact us if you'd like to see values more specific to your company's situation.

MACRO ECONOMY OVERVIEW

TARIFFS BREED VOLATILITY BUT ECONOMY STILL STRONG



INSIGHTS

Stock Market: Our chart does not show the volatility of the stock market this year over the tariffs proposed by the Trump administration. The recovery to near all-time highs is a signal that the market likely believes that tariffs will not be implemented as proposed and some sort of negotiated deals will take place.

Inflation & Fed: After a historic peak of inflation in the 2021-22 timeframe post-COVID, inflation has steadily subsided, dipping back to historical norms after significant Fed rate increases, which have since decreased.

Unemployment: Unemployment continues to creep upwards, growing from 3.5% to 4.2% from 2022 to 2024, signaling some caution around M&A activity that is focused on talent acquisition.

CONCLUSIONS

Overall, despite the volatility in the market due to the proposed tariffs, the economy continues to show signs of strength with decreased inflation and a resilient stock market.

Sources
1. DOW Jones: Wall Street Journal as of July 3, 2025
2. US Inflation as of May 30, 2025
3. US Fed Rate as of May 30, 2025
4. US Unemployment as of June 6, 2025

ABOUT CONNECTED VISION ADVISORS

DEEP TECH INVESTMENT BANKING

+ We are a deep tech investment banking firm. We advise on M&A and capital raise transactions and are experts at driving strategic value in technology deals.

+ We aren't your typical financial bankers. We are electrical engineers and former executives, and we have seen deals from all sides: large tech, startups and as bankers. Our experience gives us unique insights that helps us drive the best outcome for our clients.

+ We focus on AI, Computer Vision, Semiconductor Ecosystems and Edge Intelligence, working with market-leading software, hardware and IP companies. We follow markets like Automotive, Industrial Automation, Smart Buildings, Consumer Electronics and Enterprise.

+ Our team is global, based in the USA, Europe and Canada. We have deep experience doing deals across North America and Europe.

+ We work with buyers and investors like Qualcomm, Renesas, Cadence, Sony, Bosch, Cisco, ST, ARM, Lattice, Faurecia and many more.

Transaction Experience

- Intelligent Agent Neuton — To be acquired by — Nordic Semiconductor
- Deeplite — Has been acquired by — ST
- **Mixed Signal IP** — LOI executed with — **EDA & Semiconductor IP**
- **LPWAN Solutions** — LOI executed with — **Global IoT Network**
- Arduino — Series B — Bosch, arm, Renesas, Anzu Partners
- Steradian — Has been acquired by — Renesas
- mirametrix — Has been acquired by — Lattice Semiconductor
- twentybn — Has been acquired by — Qualcomm
- MOD.CAM — Has been acquired by — Cisco
- nyansa — Has been acquired by — vmware
- netrounds — Has been acquired by — Juniper Networks
- Sentient Energy — Has been acquired by — Koch

Note: All transactions were advised by current CVA team members.
Some transactions were advised by CVA team members while affiliated with previous firms.

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